

**Note:** Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- The number of elements in fourth period is:  
(a) 8 (b) 10  
(c) 18 ✓ (d) 32

2- Which one of the following is strong electrolyte:  
(a) Sugar solution (b) Benzene  
(c) Solution of  $\text{Ca}(\text{OH})_2$  (d) Solution of  $\text{NaOH}$  ✓

3- One atm pressure is equal to how many Pascals:  
(a) 101325 ✓ (b) 10325  
(c) 10523 (d) 10235

4- The scientist who discovered proton:  
(a) Chadwick (b) Thomson  
(c) Goldstein ✓ (d) Bohr

5- Which one of the following is solid in gas solution:  
(a) Smoke in air ✓ (b) Butter  
(c) Brass (d) Fog

6- The non-metal which is present in group 15 of periodic table:  
(a) Carbon (b) Sulphur  
(c) Nitrogen ✓ (d) Iodine

7- Who presented law of octaves:  
(a) Dobereiner (b) Newlands ✓  
(c) Moseley (d) Mendeleev

8- The bond formed due to mutual sharing of electrons is called:  
(a) Ionic (b) Covalent ✓  
(c) Metallic (d) Coordinate

9- Boiling point of sodium chloride is:

(a)  $800^{\circ}\text{C}$  (b)  $1013^{\circ}\text{C}$   
(c)  $1213^{\circ}\text{C}$  (d)  $1413^{\circ}\text{C}$  ✓

10- Oxidation Number of hydrogen in metal hydrides is:

(a) -1 ✓ (b) +1  
(c) -2 (d) +2

11- The element which occurs in liquid state at room temperature:

(a) Zinc (b) Sodium  
(c) Hydrogen (d) Mercury ✓

12- The volume in  $\text{cm}^3$  of solute dissolved in 100 grams of solution is called:

(a) % m/m (b) % m/v  
(c) % v/m ✓ (d) % v/v